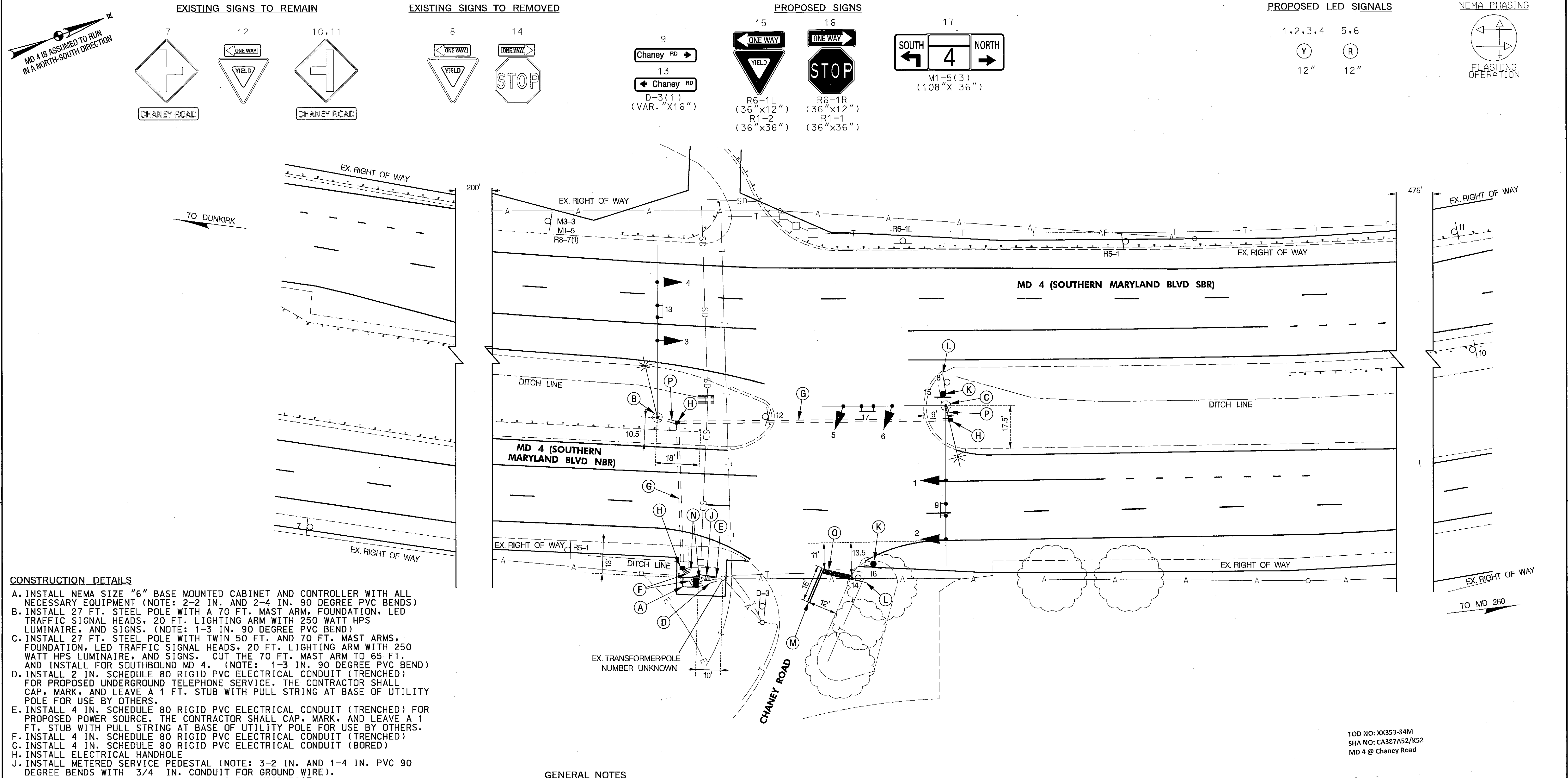


DRILL HOLES

BORDER REV. DATE: Mch01/27/08/07

BY: SUSERNAMES



CONSTRUCTION DETAILS

- A. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-2 IN. AND 2-4 IN. 90 DEGREE PVC BENDS)
- B. INSTALL 27 FT. STEEL POLE WITH A 70 FT. MAST ARM, FOUNDATION, LED TRAFFIC SIGNAL HEADS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE, AND SIGNS. (NOTE: 1-3 IN. 90 DEGREE PVC BEND)
- C. INSTALL 27 FT. STEEL POLE WITH TWIN 50 FT. AND 70 FT. MAST ARMS, FOUNDATION, LED TRAFFIC SIGNAL HEADS, 20 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE, AND SIGNS. CUT THE 70 FT. MAST ARM TO 65 FT. AND INSTALL FOR SOUTHBOUND MD 4. (NOTE: 1-3 IN. 90 DEGREE PVC BEND)
- D. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. THE CONTRACTOR SHALL CAP, MARK, AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.
- E. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED POWER SOURCE. THE CONTRACTOR SHALL CAP, MARK, AND LEAVE A 1 FT. STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.
- F. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
- G. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED)
- H. INSTALL ELECTRICAL HANDHOLE
- J. INSTALL METERED SERVICE PEDESTAL (NOTE: 3-2 IN. AND 1-4 IN. PVC 90 DEGREE BENDS WITH 3/4 IN. CONDUIT FOR GROUND WIRE).
- K. INSTALL PROPOSED SIGNS ON 4 IN. X 6 IN. WOOD POST.
- L. REMOVE EXISTING GROUND MOUNTED SIGNS AND WOOD POST.
- M. INSTALL 5 INCH HEAT APPLIED DOUBLE YELLOW PERMANENT PAVEMENT MARKINGS.
- N. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
- O. INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.
- P. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)

GENERAL NOTES

- 1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD PLATES FOR TRAFFIC CONTROL.
- 2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
- 4. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING THE PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- 5. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
- 6. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCCELL.
- 7. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- 8. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.

UTILITY LEGEND

| | | | |
|-------|------------------|---------|-------------|
| —E—E— | ELECTRIC CABLES | —SD—SD— | STORM DRAIN |
| —A—A— | AERIAL CABLES | —G—G— | GAS MAIN |
| —T—T— | TELEPHONE CABLES | —W—W— | WATER MAIN |
| —F—F— | FIBER-OPTIC | —S—S— | SEWER MAIN |

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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 4 (SOUTHERN MARYLAND BLVD) AT CHANEY ROAD
DUNKIRK, MD

TRAFFIC SIGNALIZATION PLAN

| APPROVALS | REVISIONS |
|-----------------------------|-----------|
| TEAM LEADER 3-21-11 | |
| ASSY. DIV. CHIEF 3-21-11 | |
| DIVISION CHIEF 3-22-11 | |
| OFFICE DIRECTOR 3/24/11 | |

| | | |
|-----------------|--------------------------|------------------------|
| SCALE 1" = 20' | ADVERTISED DATE 09/20/11 | CONTRACT NO. XX3535168 |
| DESIGNED BY KXT | COUNTY CALVERT | |
| DRAWN BY KXT | LOGMILE 04000435.72 | |
| CHECKED BY SDY | TIMS NO. K087 | |
| F.A.P. NO. | TOD NO. | |
| TS NO. 4785 | DRAWING SG-01 OF 02 | SHEET NO. 01 OF 02 |

PLOTTED: 8/24/2011
FILE: SFILES